

CODE ALARM

PROFESSIONAL SERIES

**Security and Keyless Entry
Installation Guide**

ca1153

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BEFORE YOU BEGIN

PROFESSIONAL INSTALLATION STRONGLY RECOMMENDED

Installation Precautions:



Roll down window to avoid locking keys in vehicle during installation



Avoid mounting components or routing wires near hot surfaces



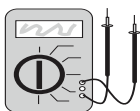
Avoid mounting components or routing wires near moving parts



Tape or loom wires under hood for protection and appearance



Use grommets when routing wires through metal surfaces



Use a Digital Multi Meter for testing and verifying circuits. **DO NOT USE A TEST LIGHT, OR "COMPUTER SAFE PROBE"** as these can set off air bags or damage vehicle computers.



Technical Support (800) 421-3209
or go to
<http://techservices.codesystems.com>

6 Pin Main Harness

6 PIN MAIN	1	WHITE	PARKING LIGHT OUTPUT
	2	WHITE/RED	PARKING LIGHT INPUT
	3	WHITE	PARKING LIGHT OUTPUT
	4	BLACK	GROUND
	5	BROWN	SIREN OUTPUT (+)
	6	RED	BATTERY 12V (+)

6 Pin Input / Output Harness

6 PIN INPUT / OUTPUT	1	PURPLE	DOOR TRIGGER INPUT (+)
	2	GRAY	HOOD PIN INPUT (-)
	3	GREEN	DOOR TRIGGER INPUT (-)
	4	YELLOW	IGNITION INPUT (+)
	5	ORANGE	GROUND WHEN ARMED OUTPUT (-)
	6	RED/WHITE	TRUNK RELEASE OUTPUT (-)

3 Pin AUX Output Harness

3 PIN AUX	1	VIOLET/BLACK	AUX 1 (-)
	2	GREEN/BLACK	FACTORY DISARM OUTPUT (-)
	3	BROWN/BLACK	HORN OUTPUT (-)

6 Pin Door Lock Output Harness

6 PIN DOOR LOCK	1	BROWN/BLACK	UNLOCK SWITCH (87A)
	2	BLUE/BLACK	UNLOCK MOTOR (30)
	3	VIOLET/BLACK	UNLOCK POLARITY (87)
	4	WHITE/BLACK	LOCK SWITCH (87A)
	5	GREEN/BLACK	LOCK MOTOR (30)
	6	VIOLET	LOCK POLARITY (87)

6 Pin Main Harness

1	WHITE	PARKING LIGHT OUTPUT
2	WHITE/RED	PARKING LIGHT INPUT
3	WHITE	PARKING LIGHT OUTPUT

Locate the parking light output wire at the vehicle's light switch.

Verification: This wire registers positive voltage when the parking lights are turned on.

Positive switching Parking Lights:

Connect the WHITE/RED wire to a 15 Amp max fused battery source.

Connect the WHITE wire to the parking light output wire.

Negative switching Parking Lights:

Connect the WHITE/RED wire to a good chassis ground.

Connect the WHITE wire to the parking light output wire.

4	BLACK	GROUND
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Connect the BLACK wire to a solid chassis ground point using a ring terminal and self tapping screw (not supplied). Scrape away paint from the grounding point to ensure a good connection. The recommended grounding point is a metal surface in the driver's side kick panel area.

NOTE: Do not ground the BLACK wire with any other vehicle components.

5	BROWN	SIREN OUTPUT (+)
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Locate a suitable mounting location in the engine compartment for the siren, away from moving parts.

With the bell of the siren aiming downwards, secure the siren in place using self tapping screws, being careful not to drill into any hoses, wiring or components. Connect the BLACK siren wire to a chassis ground using a ring terminal and self tapping screw (not supplied).

Route the BROWN siren output wire from the control module through the firewall and connect to the RED wire on the siren.

NOTE: Be sure to loom the siren wires, and seal the grommet.

6

RED

BATTERY 12V (+)

Locate 1 of the vehicle's constant 12 Volt battery wires at the ignition switch.

Verification: This wire will register (+) voltage in all positions of the ignition switch.

Connect the RED wire to the constant 12 Volt battery wire.

NOTE: Remove all fuses until all connections are made.

6 Pin Input / Output Harness

1

PURPLE

DOOR TRIGGER INPUT (+)

Locate the vehicle's dome light or door pin switch wire.

Verification: This wire will register positive voltage (POS) when the door is opened and the interior light is on. This wire will register ground or "0" Volts when the door is closed and the interior light is off.

Connect the PURPLE wire to the vehicle's positive door input wire(s).

NOTE: Certain vehicles may require multiple connections. Refer to vehicle application guide

2

GRAY

HOOD PIN INPUT (-)

Install a Hood Pin Switch and connect to the GRAY wire.

Verification: This wire when connected will register ground when the vehicle's hood is opened.

Connect the GRAY wire to the hood pin.

NOTE: Be sure to loom the wire, and seal the grommet.

3

GREEN

DOOR TRIGGER INPUT (-)

Locate the vehicle's dome light or door pin switch wire.

Verification: This wire will register ground (NEG) when the door is opened and the interior light is on. This wire will register positive voltage when the door is closed and the interior light is off.

Connect the GREEN wire to the vehicle's negative door input wire(s).

NOTE: Certain vehicles may require multiple connections. Refer to vehicle application guide

4

YELLOW

IGNITION INPUT (+)

Locate the vehicle's ignition wire at the ignition switch.

Verification: This wire registers voltage when the key is turned to the ON (or RUN) position. The voltage does not drop out when the key is turned to the START (or CRANK) position.

Connect the YELLOW wire to the vehicle's Ignition wire.

5

ORANGE

GROUND WHEN ARMED OUTPUT (-)

This wire will have a continuous (-) 300mA output when the system is Armed. This wire is typically used for controlling window modules or additional sensors.

6

RED/WHITE

TRUNK RELEASE OUTPUT (-)

Locate the vehicle's trunk release wire at the trunk release switch.

Verification: This wire will register either positive voltage or ground when the trunk release is activated.

This is a low current output, 300mA.

3 Pin AUX Output Harness

1	VIOLET/BLACK	AUX 1 OUTPUT (-)
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This wire provides a (-) 300mA output capable of driving relays. For Control of optional accessories (i.e. Power Window/Sunroof, etc.).

To activate refer to the transmitter button configuration chart. Please refer to the selectable options for timing.

2	GREEN/BLACK	FACTORY DISARM (-)
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This wire will supply a (-) 300mA pulse both upon disarming the system and when the trunk release feature is activated. Locate the factory perimeter alarm disarm wire from the key cylinder inside the drivers door.

Verification: This wire registers ground if the key is turned to the unlock position in the driver's door cylinder.

Connect the GREEN/BLACK wire to the factory alarm disarm wire.

3	BROWN/BLACK	HORN OUTPUT (-)
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Locate the vehicle's horn wire.

Verification: This wire will register at positive voltage and register ground when the horn switch is pressed.

Connect the BROWN/BLACK wire to the vehicle's horn wire. This is a low current output, 300mA.

6 Pin Door Lock Output Harness

1	BROWN/BLACK	UNLOCK SWITCH (87A)
2	BLUE/BLACK	UNLOCK MOTOR (30)
3	VIOLET/BLACK	UNLOCK POLARITY (87)
4	WHITE/BLACK	LOCK SWITCH (87A)
5	GREEN/BLACK	LOCK MOTOR (30)
6	VIOLET	LOCK POLARITY (87)

The door lock / unlock outputs are designed to control several different types of systems which may require additional parts.

3 Wire Ground Switched Door Locks:

Connect the GREEN/BLACK wire to the wire that provides a ground signal from the factory door lock switch to the factory door lock control relay.

Connect the BLUE/BLACK wire to the wire that provides a ground signal from the factory door unlock switch to the factory door lock control relay.

Connect the VIOLET and the VIOLET/BLACK wires to a solid chassis ground point. The WHITE/BLACK and BROWN/BLACK wires are not required for this type of door lock/unlock system.

3 Wire Positive Switched Door Locks:

Connect the GREEN/BLACK wire to the wire that provides a +12 volt signal from the factory door lock switch to the factory door lock control relay.

Connect the BLUE/BLACK wire to the wire that provides a +12 volt signal from the factory door unlock switch to the factory door lock control relay.

Connect the VIOLET and the VIOLET/BLACK wires to a +12 volt battery source. The WHITE/BLACK and BROWN/BLACK wires are not required for this type of door lock/unlock system.

Additional Ports

LED Port

The LED included in the kit will serve as a visual indicator of the alarm's status. It should be installed in the dash, located where it can be easily seen from outside the vehicle, yet not be distracting to the driver. Once a location has been selected, check behind the panel for wire routing access, and to confirm the drill will not damage any existing components as it passes through the panel. Drill a 1/4" hole, and pass the red and blue wires from the LED through the hole, from the front of the panel. Firmly press the body of LED into the hole until fully seated.

Programming / Valet Button Port

Select a mounting location that is within reach of the ignition switch, as this switch in combination with the ignition switch, will be used to program the certain features of the system. It is suggested that the switch be mounted to the lower dash panel in the driver's area within reach of the driver.

Shock Sensor Port

Select a solid mounting surface for the shock sensor inside the passenger compartment (behind the dash), and mount the sensor using cable ties, making sure to allow access to the sensitivity adjustment for use later in the installation.

Data Bus Interface Port

This 4 pin port is used for Flashlogic Door Lock and Transponder Databus Interfaces to communicate with the vehicle's Databus. When using the DBI port to control the Flashlogic Door Lock and Transponder Interface modules the following options may be available. Please refer to the D2D (Data to Data) function list available per vehicle on the tech service web site.

Door Trigger

Trunk/Hatch Open

Dome Light Supervision

Manual Arm / Disarm Inputs (factory keyless controls system)

Door Lock Control

Factory Alarm Arm / Disarm

Set Up & Programming

Transmitter Programming - Feature Bank 1



1. Turn the ignition ON.
2. Press and hold the valet/override button.
3. Within 10 seconds the system will chirp (3) three times.
4. Press 1 button of each transmitter you wish to program.
5. The system will respond with 1 chirp for each accepted transmitter.
6. Pressing the override button at anytime during programming will advance to the next bank.


NOTE: The system will exit transmitter programming after 15 seconds of inactivity.

NOTE: This system has 1 button programming which programs all channels of the system.

NOTE: The system will hold up to 4 transmitters in memory, programming a 5th transmitter will erase the oldest transmitter in memory.

Manual Feature Programming - Feature Bank 2 & 3

1. Turn the ignition ON.
2. Press and hold the valet/override button.
3. Within 10 seconds the system will chirp (3) three times.
4. Use the valet/override button to advance through each option bank. For feature programming advance to Feature Bank 2 or 3, which is (4) four or (5) five chirps.
5. Use the transmitter  button to scroll through the selections in each feature bank, the system will chirp to match the feature number.
6. Press the transmitter  button to change the desired feature. The LED will flash indicating the changed feature.

Defaulting All Features: Pressing the  button anytime while in any of the feature banks will default all features and return you to feature bank 2 - 4 chirps.

NOTE: The system will remain in feature programming mode as long as the ignition is on, there is no time limit. To exit programming turn the IGNITION OFF.

Feature Bank 1 - 3 Chirps
Transmitter Programming

Refer to transmitter programming.

	Feature Bank 2 - 4 Chirps Security Control	1 LED Flash	2 LED Flash	3 LED Flash	4 LED Flash	5 LED Flash
1	Silent Choice	ON	OFF			
2	Passive Locks	Active	Passive			
3	Passive Arming	Active	Passive			
4	Siren / Horn ARM/DISARM Chirps	Siren /Horn	Siren	Horn		
5	Siren Duration	30 Seconds	60 Seconds			
6	Security	ON	OFF			
7	Anti-Hijack Mode	OFF	ON			
8	Orange - Ground w/ Armed Output	Ground While Armed	Ground While Disarmed			
9	DBI Port Protocol	DBI Protocol	ADS Protocol			
10	Arm/Disarm Chirp / Parking Light Pattern	Standard: 2 - Arm 1 - Disarm	Inverted: 1 - Arm 2 - Disarm			

	Feature Bank 3 - 5 Chirps Output Control	1 LED Flash	2 LED Flash	3 LED Flash	4 LED Flash	5 LED Flash
1	Extended Lock Pulse	1 Second	3.5 Seconds	1 Second Lock, Double Pulse Unlock	30 Second Lock, Double Pulse Unlock	Double Pulse Lock, 1 Second Unlock
2	Factory Disarm	Factory Disarm	2nd Unlock			
3	Ignition Controlled Locks	OFF	Lock and Unlock	Lock Only	Unlock Only	
4	Trunk Output Timing Red / White Output	Push and Hold	10 Seconds	20 Seconds	Latched until IGN ON	Latched ON until Button Press
5	Horn Output Timing	16mS	10mS	30mS	40mS	50mS
6	Real Panic	ON	OFF			
7	AUX 1 Violet / Black Output	Push and Hold	Latched	Latched until IGN ON	Dome Light Output	

Adjusting the Shock Sensor

1. Increase sensitivity by turning the adjustment dial clockwise.
2. Decrease sensitivity by turning the adjustment dial counter clockwise.

Testing the Shock Sensor

Arm the system and wait 6 seconds for the zone to stabilize, then firmly strike the vehicles bumper.

Chirp Delete - User Accessible

System ARM/DISARM chirps can be toggled ON or OFF without entering the programming feature banks.

1. Turn the ignition ON then OFF.
2. Press and release the valet/programming button 3 times. The system will respond with 1 chirp for ON or 2 chirps for OFF.

Dome Light Delay / Theater Dimming

The system can be programmed to delay arming after the lock button is pressed (60 second max) for vehicles with a dome light delay or theater dimming feature. Once programmed the system will 'learn' the timing of the dome light delay and add 2 seconds before arming.

1. Close all doors with ignition off.
2. Using the transmitter press LOCK, UNLOCK, LOCK, UNLOCK, LOCK, UNLOCK, LOCK. The LED will light solid to indicate the system has entered DOME DELAY LEARN MODE.
3. Immediately OPEN then CLOSE the door WITHOUT disarming the system. The system will then monitor the door trigger wire. Once the dome light turns off, the system will then add 2 seconds and then exit the learning mode.
4. The LED will begin to flash indicating the system has exited the learning mode and is now armed.

Feature Descriptions

Feature Bank 2 - Security

1 - Silent Choice: Controls the normal arm/disarm chirps of the security system.

ON - Silent arming/disarming upon first press of lock/unlock, pressing lock/unlock a second time will activate the arm/disarm chirps respectively. The system will only sound the arm/disarm chirps upon a second press of the lock/unlock buttons.

OFF - normal arm/disarm chirps upon the first press of lock/unlock.

2 - Passive Locks: Determines manual or automatic locking of the vehicle's doors.

Active - Requires use of the transmitter to lock the vehicle's doors.

Passive - Automatically locks the vehicle's doors 1 minute after the last door is closed

3 - Passive Arming: Determines manual or automatic locking of the vehicle's doors.

Active - Requires use of the transmitter to arm the security system.

Passive - Automatically arms the security system 1 minute after the last door is closed

4 - Siren / Horn: This feature selects which output(s) will sound the system's arm/disarm chirps. This feature does not effect the triggered state of the security system and during a triggered cycle, both the siren and horn outputs will activate respectively.

5 - Siren Duration: Determines the length of time the system will sound the siren/horn during a full trigger event.

6 - Security: Controls security functionality - ON / OFF.

ON - Full security functionality.

OFF - The security system does not trigger. Panic and all other convenience features operate as normal.

7 - Anti-Hijack Mode: Controls Car Jack mode - ON / OFF.

OFF - Standard security system operation.

ON - Enables Car Jack mode functionality as described in the owners manual

8 - Ground While Armed / Orange Output: Controls the output of the orange wire. This wire will either supply a (-) output when armed OR disarmed.

9 - DBI Port Protocol: Determines the protocol type in which the DBI port uses to interface with external modules.

DBI Protocol

ADS Protocol

10 - Arm/Disarm Chirp / Parking Light Pattern: Determines the number of chirps and parking light flashes when the system is armed/disarmed.

Standard - 2 chirps/light flashes with arm, 1 chirp/light flash with disarm.

Inverted - 1 chirp/light flash with arm, 2 chirps/light flashes with disarm.

Feature Bank 3 - Output Control

1 - Extended Lock Pulse: Controls the timing of the BLUE and GREEN lock output wires.

1 Second - Single 1 second lock pulse, single 1 second unlock pulse.

3.5 Seconds - Single 3.5 second lock pulse, single 3.5 second unlock pulse.

1 Second Lock, Double Pulse Unlock - Single 1 second lock pulse, double 1 second unlock pulse.

30 Second Lock, Double Pulse Unlock - Single 30 second lock pulse, double 1 second unlock pulse.

Double Pulse Lock, 1 Second Unlock - Double 1 second lock pulse, single 1 second unlock pulse.

2 - Factory Disarm: Controls the timing of the LT. GREEN/BLACK factory disarm output.

Factory Disarm - Single 1 second pulse with unlock and remote start activation.

2nd Unlock - Same output as unlock with 2nd press of unlock only.

3 - Ignition Controlled Locks: Control of door locks when the ignition is cycled ON or OFF.

OFF - Door locks not activated by ignition.

Lock and Unlock - Doors lock when ignition is turned on and unlock when ignition is turned off.

Lock Only - Doors lock when ignition is turned on.

Unlock Only - Doors unlock when ignition is turned off.

4 - Trunk Output Timing - Red/White Output: Control of the RED/WHITE trunk release output wire when trunk release is activated from the transmitter.

Push and Hold - Output is continuously active until transmitter button is released.

10 Seconds - Output stays active for 10 seconds regardless of length button press on transmitter.

20 Seconds - Output stays active for 20 seconds regardless of length button press on transmitter.

Latched until IGN ON - Output stays active until the ignition is turned on.

Latched ON until Button Press - Output stays active until deactivated by transmitter.

5 - Horn Output Timing: Control the minimum horn pulse time in milli seconds, some vehicle will require a longer pulse to activate the factory horn.

16mS 10mS 30mS 40mS 50mS

6 - Real Panic: Controls the panic out when triggered from the transmitter.

ON - Randomized horn honks when panic is triggered.

OFF - Standard pattern horn honks when panic is triggered.

7 - AUX 1 - Violet/Black Output: Controls the VIOLET/BLACK AUX 1 output activation type and timing.

Push and Hold - Output is continuously active until transmitter button is released.

Latched - Output stays active until button is pressed again.

Latched until IGN ON - Output stays active until the ignition is turned on.

Dome Light Output - Output is used for illuminated entry and is not controlled by the AUX 1 function of the transmitter.

Transmitter Button Functions

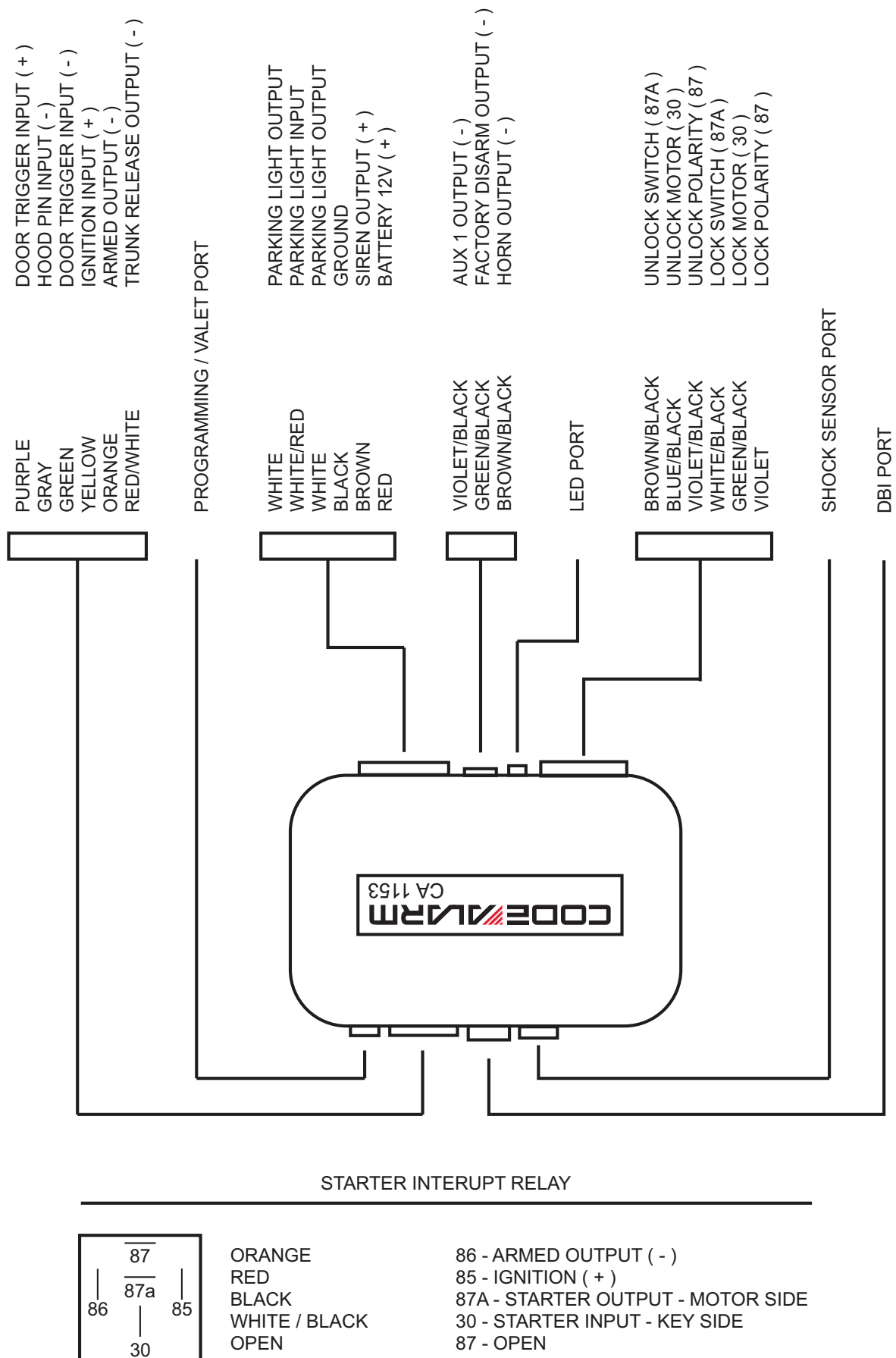
	Lock	Unlock	Car Find / Panic	Trunk		Operation Method
Lock	X					Press and Release
Unlock		X				Press and Release
Trunk				X		Push and Hold (3 Sec)
Car Finder			X			Press and Release
Panic			X			Push and Hold (3 Sec)
AUX 1	X	X				Push and Hold (3 Sec)
Shock Bypass	X		X			Press and Release Lock then Press Lock + Car Find

Security Trigger Zones

If the security system has been triggered the LED will flash one of the patterns below indicating the zone.

LED FLASHES TRIGGER ZONE

2 Flashes	Hood / Trunk Input
3 Flashes	Door Input
4 Flashes	Shock Sensor
5 Flashes	Ignition Input



Audiovox Electronics Corporation.
Customer Service 1-800-421-3209
WWW.CODE-ALARM.COM

FCC COMPLIANCE

This device complies with Part 15 of the FCC rules and with RSS-210 of Industry Canada. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including any interference that may cause undesired operation.

Warning!

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

CODE ALARM

**PROFESSIONAL
SERIES**

**ca1153
Owner's Guide**

Vehicle Security and Keyless Entry System


IMPORTANT NOTE: The operation of the Security and Convenience System as described in this manual is applicable to most vehicles. However, due to the configuration of some vehicles, some functions AND/OR SAFETY PRECAUTIONS may not apply. Please see your installing dealer for more information.


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Using Your Remote Control

Arming the Security System

To arm the system, exit the vehicle, close all doors, then press the  button. The parking lights will flash 2 times, indicating the system is armed, has locked the doors (if equipped and connected) and activated the starter disable feature. The LED status indicator will blink steadily, once per second.


NOTE: The system is equipped with a feature called Silent Choice. If enabled, the system requires a second press of the  button to activate an audible arming response from the vehicle.


Bypassing The Shock Sensor

To arm the system and ignore the shock sensor press  button, then within 5 seconds press  +  , the system will respond with 1 long chirp.



NOTE: The system will only change the shock sensor setting for one arm cycle and will be defaulted back to normal operation the next time the system is armed.

Disarming the Security System


To disarm the system press the  button. The parking lights will flash 1 time, indicating the system is disarmed and has unlocked the doors (if equipped and connected).

NOTE: The system is equipped with a feature called Silent Choice. If enabled, the system requires a second press of the  button to activate an audible disarming response from the vehicle. If your system is set up for 2 step unlock, a third press of unlock will activate the audible response.

Two Stage Door Unlock (Optional)



If this feature is enabled on your system, pressing the  button one time will unlock only the driver's door. Press  again within 5 seconds to unlock the remaining doors.

Activating the Trunk Release Feature (Optional)


If this feature is enabled on your system, pressing and holding the  button for 3 seconds will open the vehicle's trunk or hatch.

*Throughout this manual, 'press' refers to pressing for less than 1 second; 'press and hold' refers to pressing for more than 2 seconds.





■ **Activating Optional AUX 1 (Optional)**

If this feature is enabled on your system, pressing the  and  buttons simultaneously for 3 seconds will activate an optional feature. This feature can be programmed for a wide range of functions like power window or sunroof automation, please consult your installing dealer to determine the functionality of your system.

■ **Using the Progressive Car Finder Feature**

Press the  button to locate your vehicle. The system will flash the parking lights and chirp 5 times at low volume, increasing in volume each time the button is pressed.

■ **Using the Personal Protection Alarm (Panic)**

Press and hold the  button for 3 seconds to activate the personal protection alarm. During panic mode, the normal function of the transmitter buttons will be suspended. The transmitter's  and  buttons can be used to lock and unlock the door (if the option is installed). To stop the alarm, press and hold the  button on the transmitter again for 3 seconds. The system will automatically stop after 30 seconds.

■ **Valet Mode**

When valet mode is activated the status LED will light solid, and all security functions will be disabled. To enter or exit valet mode simply follow the 4 steps outlined below:

1. Turn the vehicle's ignition ON.
2. Push and hold the programming/valet button.
3. The LED will turn on solid when valet mode is active
4. Release the programming/valet button.

■ **Eliminating Lock / Unlock Notification Chirps**

System lock and unlock notification chirps can be toggled ON or OFF without entering the programming feature banks.

1. Turn the ignition ON then OFF.
2. Press and release the valet/programming button 3 times. The system will respond with 1 chirp for ON or 2 chirps for OFF.

■ **Manually Overriding the Security System**



Your system can be disarmed without the use of the transmitter. This is necessary, since you will need the ability to operate your vehicle if the transmitter is lost or its battery fails. To by-pass the alarm system;

1. Open the vehicle door. The alarm will sound.
2. Turn the ignition key to the ON position.
3. Within 10 seconds, press and release the valet push button switch.

The alarm system will stop sounding and enter the (by-passed) mode. You can now start and operate the vehicle normally.

■ **Car Jack Mode**

This feature must be turned on in system programming, please consult your installing dealer.

Triggering Car Jack mode: While the ignition is ON and press and hold  +  for 2 seconds, the parking lights will flash 1 time and the system will act as follows;

1. 50 seconds after being triggered the siren will chirp for 15 seconds, during this 15 seconds you will be alerted to push the valet button to turn off Car Jack mode. If Car Jack mode is not turned off at this time it will advance to the next step.
2. Following the 15 second chirps (total time now 65 seconds) the siren will go into full sound and the parking lights will start flashing.
3. 90 seconds after trigger in, addition to the siren and parking lights, the system will activate the starter kill. THE SYSTEM WILL REMAIN IN THIS STATE UNTIL THE BATTERY IS DEPLETED.

OVERRIDE THE SYSTEM TO TURN OFF CAR JACK MODE: Turn the ignition OFF then On and press the valet button within 10 seconds.

LED and Siren/Horn Indications

LED Display Indications

LED	Function
OFF	DISARMED
SLOW FLASH	ARMED
FAST FLASH	PASSIVE ARMING
ON (SOLID)	VALET MODE
2 FLASH... PAUSE	ZONE 2 TRIGGER, HOOD/TRUNK
3 FLASH... PAUSE	ZONE 3 TRIGGER, DOOR
4 FLASH... PAUSE	ZONE 4 TRIGGER, SHOCK
5 FLASH... PAUSE	ZONE 5 TRIGGER, IGNITION

Siren/Horn Indications

Chirps	Function
1	DISARM
2	ARM
3	DOOR AJAR UPON ARMING
4	DISARM / TRIGGERED
5	CAR LOCATOR

Parking Light Flash Indications

Flashes	Function
1	DISARM
2	ARM
3	DISARM / TRIGGERED
5	CAR LOCATOR

Transmitter Button Functions

	Lock	Unlock	Car Find / F	Trunk		Operation Method
Lock	X					Press and Release
Unlock		X				Press and Release
Trunk				X		Push and Hold (3 Sec)
Car Finder			X			Press and Release
Panic			X			Push and Hold (3 Sec)
AUX 1	X	X				Push and Hold (3 Sec)
Shock Bypass	X		X			Press and Release Lock then Press Lock + Car Find

Replacing Remote Control Batteries

1-Way 4 Button Remote Control (part # CATXMT)

The batteries (model CR2016) inside each remote control should last approximately 1 year under normal use. When the batteries become weak you will notice the remote control range (the distance from the vehicle the remote control will work) deteriorate and the small LED on the remote control will dim. To replace the remote control batteries:

1. Remove 3 screws and disassemble the halves of the remote control.
2. Remove the old batteries, observing the +/- symbols on the batteries and replace with new CR2016 batteries.
3. Reassemble the halves of the remote control and install the 3 screws.
4. Test operation of the remote control.

Code Systems, Inc. Limited Lifetime Warranty

Code Systems Inc. ("CODE") warrants to the ORIGINAL PURCHASER of this CODE vehicle security product (the "Product"), purchased from an authorized CODE dealer, that (except as provided below) should this Product under normal use and conditions, be proven defective in material or workmanship DURING THE LIFETIME OF THE VEHICLE IN WHICH IT WAS ORIGINALLY INSTALLED, such defect(s) will be repaired or replaced (at CODE's option) without charge for parts directly related to repairs of the defect(s).

Switches, indicator lights, and transmitter cases are similarly warranted to the original purchaser for a period of one (1) year from the date of purchase of the Product.

CODE accessories, sold separately, are covered by the applicable warranty accompanying the accessory.

This warranty is non-transferable, non-assignable and is voided when: (1) the Product is removed from the vehicle in which it was originally installed; or (2) the vehicle in which the Product was originally installed is transferred to another party.

This warranty does not apply to any product damaged by accident, physical or electrical abuse, improper installation, alteration, or use contrary to its intended function, fire, flood, or other natural acts.

In order for the Product to be repaired or replaced under the terms of this warranty, the defective Product must be returned to an authorized CODE dealer and accompanied by a copy of the retail sales receipt. The date of purchase and year, make and model of the vehicle in which the Product was originally installed must be clearly indicated on the sales receipt.

This warranty is exclusive and CODE MAKES NO OTHER WARRANTIES EXPRESSED OR IMPLIED. ANY IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, SHALL BE LIMITED TO THE DURATION OF THIS WRITTEN WARRANTY. IN NO CASE SHALL CODE BE LIABLE FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES FOR BREACH OF THIS OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, WHATSOEVER.

CODE does not warrant that the Product cannot be compromised or circumvented. THE EXTENT OF CODE'S LIABILITY UNDER THIS WARRANTY IS LIMITED TO THE REPAIR OR REPLACEMENT PROVIDED ABOVE AND, IN NO EVENT SHALL CODE'S LIABILITY EXCEED THE PURCHASE PRICE PAID BY THE ORIGINAL PURCHASER OF THE PRODUCT WITHOUT INSTALLATION LABOR.

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation may not apply to you. This warranty gives you specific legal rights and you may also have other rights which vary from state to state

Audiovox Electronics Corporation.
Customer Service 1-800-421-3209
WWW.CODE-ALARM.COM

FCC COMPLIANCE

This device complies with Part 15 of the FCC rules and with RSS-210 of Industry Canada. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including any interference that may cause undesired operation.

Warning!

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

MAXIMUM INSURANCE DISCOUNT AUTHORIZATION

Dear Insurance Agent,

The installation of my Code-Alarm automatic (passive) arming security system in the vehicle indicated below qualifies me for the maximum discount mandated by law in some states and by insurance company option in others. This vehicle security system automatically arms itself after the doors are closed and includes at least one engine disabling relay to prevent the engine from being started.

Insured Signature: _____ Name_(please print): _____

Street Address: _____ State: _____ Zip: _____

Insurance Company: _____

Policy#: _____

Vehicle Year/Make/Model: _____

Vehicle Identification #: _____

The signature below certifies that my Code-Alarm automotive security system was installed on _____ (date) _____

Installer Signature: _____

Company: _____

Address: _____ Telephone: _____

PLEASE COMPLETE AND MAIL TO YOUR INSURANCE COMPANY

PRODUCT REGISTRATION

Thank you for purchasing a Code-Alarm product. We pride ourselves on the quality and reliability of all our electronic products, but if you ever need service or have a question, our customer service staff stands ready to help. Contact us at www.Code-Alarm.com

PRODUCT PROTECTION:

In case of an insurance loss such as fire, flood or theft, your registration will serve as proof of purchase.

PURCHASE REGISTRATION:

Registering On-Line will allow us to contact you in the unlikely event a safety notification is required under the Federal Consumer Safety Act.

CODE//ALARM

**Register online at:
WWW.CODE-ALARM.COM**

**Click On Product Registration
and Fill Out the Brief Questionnaire**

\$ 2,500.00

L I M I T E D W A R R A N T Y

CODE SYSTEMS, Inc makes the following warranty to YOU as the original purchaser of this system.

Should YOUR private passenger vehicle in which the CODE-ALARM ANTI-THEFT SYSTEM is originally installed by an authorized dealer and while the system is operational and activated be stolen and not recovered or if stolen and recovered be deemed a total loss for theft insurance purposes, then subject to the following conditions, YOU will be refunded the comprehensive auto insurance deductible on your existing insurance not to exceed \$2,500.00.

This Limited Warranty is effective for thefts occurring within one (1) year from the original date of purchase providing that: (A) the attached registration form has been completed in full and received by the CODE-ALARM Program Administrator at the address shown below with postmark that is within five (5) business days from the original date of purchase; (B) YOU properly and completely identify the vehicle in which the CODE-ALARM ANTI-THEFT SYSTEM has been installed; (C) YOUR vehicle is registered within the United States of America or Canada; (D) the theft of YOUR vehicle occurs within the United States of America or Canada; (E) YOU file a complete theft report with the police or other law enforcement agency having jurisdiction at the location of the theft; (F) YOU have comprehensive or theft insurance in force on the vehicle at the time of the theft and YOU have filed a claim for the theft of the vehicle with YOUR insurance carrier; and (G) the theft claim with YOUR insurance carrier is settled and final payment from them has been received.

This Limited Warranty applied solely to passenger vehicles, motor homes, and light duty trucks or vans not exceeding 13,500 GVW. It does not apply to any vehicle used in a business, for Livery or offered for hire. This Limited Warranty applies only to the vehicle as identified on the attached registration form.

In order to make a claim under the Limited Warranty, YOU are to provide the CODE-ALARM Program Administrator with the following information and materials:

- Proof of purchase including the purchase date.
YOU ARE URGED TO SAVE YOUR ORIGINAL RECEIPT
- A certified or notarized complete copy of the police report filed by YOU
- A copy of the original declaration sheet from the insurance policy in force at the time of the system purchase. This declaration sheet must clearly show the amount of the deductible applicable to theft losses
- A copy of the insurance company settlement check and any related documentation

CONTINUED ON REVERSE

ADV- [REDACTED] C

THIS CARD MUST BE POSTMARKED WITHIN THIRTY (30) BUSINESS DAYS OF THE PURCHASE OF YOUR CODE-ALARM ANTI-THEFT SYSTEM. ORIGINAL PURCHASE RECEIPT MUST BE RETAINED AND SUBMITTED WITH ANY CLAIM FILED HEREUNDER

CONSUMER REGISTRATION CARD

Code-Alarm Anti-Theft System Purchased			Purchase Date	
Name		Address		
City	State	Zip	Phone	
Vehicle Year	Make/Model	VIN		
Insurance Carrier		Policy Number		
Amount of Comprehensive or Theft Deductible \$			Expires	
Dealer Name		Address		
Price Paid For System \$		Was Installation Included? Yes <input type="checkbox"/> No <input type="checkbox"/>		
OPTIONAL INFORMATION		Age of Buyer: Purchased for: Yourself <input type="checkbox"/> As a Gift <input type="checkbox"/>		
Annual Household Income:		Less than \$20,000 <input type="checkbox"/> \$20-40,000 <input type="checkbox"/> \$40-60,000 <input type="checkbox"/> More than \$60,000 <input type="checkbox"/>		
BY YOUR SIGNATURE BELOW, YOU (1) AGREE TO ALL OF THE TERMS AND CONDITIONS SET FORTH IN THIS LIMITED WARRANTY AND (2) YOU UNDERSTAND AND AGREE THAT CODE SYSTEMS, Inc IS PROVIDING YOU WITH A LIMITED WARRANTY AND THAT THIS LIMITED WARRANTY IS NOT AN INSURANCE POLICY.				
Signature _____		Date _____		

ADV- [REDACTED] C

The CODE-ALARM Program Administrator reserves the right to ask for any other similar documentation or other materials that may be reasonably required to verify YOUR claim. All documentation received on a claim becomes the Code-Alarm Program Administrator's property and will not be returned.

All claim information must be mailed to the Code-Alarm Program Administrator within thirty (30) business days after receipt of the final settlement check from YOUR insurance carrier.

For the protection of YOUR rights, YOU are urged to make copies of all materials submitted and to send all materials via registered mail or any other means such that YOUR package can be traced in the event of its becoming lost or misdirected. The Code-Alarm Program Administrator is not responsible for materials not received in the CODE-ALARM Program Administrator's office. Please allow four (4) to six (6) weeks to process any claim hereunder.

This limited warranty is not an insurance policy or insurance coverage and is contingent on the existence of and payment from an underlying comprehensive auto insurance coverage and your compliance with all the terms and conditions set forth herein. This limited warranty has no cash value and is subject to all the terms and conditions set forth within this document.

This warranty is in lieu of all other express warranties or liabilities. ANY IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY, SHALL BE LIMITED TO THE DURATION OF THIS WRITTEN WARRANTY, IN NO CASE SHALL CODE-ALARM OR THE CODE-ALARM PROGRAM ADMINISTRATOR BE LIABLE FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES FOR BREACH OF THIS OR ANY OTHER WARRANTY, EXPRESSED OR IMPLIED, WHATSOEVER. No person or representative is authorized to assume for the Company any liability other than expressed herein in connection with the sale of this product.

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damage so the above limitations or exclusions may not apply to YOU. This warranty gives YOU specific legal rights and YOU may also have other rights which vary from state to state.

THIS WARRANTY AND WARRANTY PROGRAM IS NOT AVAILABLE AND MAY NOT BE
MARKETED IN OR FROM THE STATE OF FLORIDA.

CODE-ALARM

THE CODE-ALARM PROGRAM ADMINISTRATOR

Post Office Box 231809

Encinitas, CA 92023

Phone (800) 708 2113

POST OFFICE
WILL NOT
DELIVER
WITHOUT PROPER
POSTAGE AFFIXED
HERE

CODE-ALARM LIMITED WARRANTY PROGRAM

Post Office Box 231809

Encinitas, CA 92023